

# MATERIAL SAFETY DATA SHEET

## • Section 1 - PRODUCT IDENTIFICATION

<b>Manufacturer's Name</b> DEARBORN DIVISION, W. R. Grace & Company	<b>Emergency Phone No</b> 312/438-8241
<b>Address</b> 300 Genesee St., Lake Zurich, IL 60047	
<b>Synonyms</b> Cooling Water Treatment	<b>Trade Name or Code Ident</b> AQUA-SERV® C-373

## • Section 2 -HAZARDOUS INGREDIENTS

CAS NO.

%

EXPOSURE CRITERIA

Potassium hydroxide (45%)	1310-58-3	< 15	Ceiling limit - 2 mg/m <sup>3</sup>
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HMIS Code: 3-0-0

## • Section 3 - PHYSICAL DATA

Boiling Point, 760mm Hg	> 212°F.	Melting Point	NA
Specific Gravity(H <sub>2</sub> O=1)	1.08	Vapor Pressure @ 25°C. approx.	20 mm Hg
Vapor Density (Air=1)	NK	Solubility in H <sub>2</sub> O(% by Wt.)	appreciable
% Volatiles by Volume	NK	Evaporation Rate (Bu Ac=1)	< 1
Appearance & Odor:    Pale yellow liquid	pH	of product	13.0

## • Section 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point(and Method Used)	Flammable Limits in Air, % by Volume	Auto Ignition Temperature
NA, water-based product	Lower                      Upper NA                      NA	NA

### EXTINGUISHING

**MEDIA**            ☐ Water Fog    ☒ Foam    ☒ CO<sub>2</sub>    ☒ Dry Chemical    ☐ Other

### SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear full protective gear including self-contained breathing apparatus.

### UNUSUAL FIRE AND EXPLOSION HAZARD

None known

## • Section 5 - REACTIVITY DATA

<b>Stability(Normal Conditions)</b> <input checked="" type="radio"/> Stable <input type="radio"/> Unstable	<b>CONDITIONS TO AVOID</b> Extreme heat
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### INCOMPATIBILITY(Materials to Avoid)

Strong acids, oxidizing agents

### HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub> , oxides of phosphorus

### HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID

☐ May Occur    ☒ Will Not Occur

NA

(over)

•Section 6 - HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION Alkaline, corrosive liquid - avoid breathing vapors or mist. Remove affected persons to fresh air and consult a physician immediately.

INGESTION If person is conscious, give water or citrus juice immediately. Contact a physician.

SKIN OR EYE CONTACT Corrosive alkaline liquid. Prolonged contact can be destructive to tissue. Skin contact: wash affected area thoroughly with soap and water. Remove contaminated clothing. Eye contact: flush eyes with large amounts of water for 15 minutes. Contact physician.

EMERGENCY AND FIRST AID PROCEDURES

Treat as alkaline, corrosive liquid.

•Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical exhaust should be adequate.

RESPIRATORY PROTECTION (Specify Type)

None special - do not breathe vapors or mist.

EYE PROTECTION

Goggles or face shield

GLOVES (Specify Type)

Rubber or plastic

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

None special

•Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear protective clothing. Collect using absorbent, place in container for proper disposal. Flush area of spill with water.

WASTE DISPOSAL METHOD Dispose using authorized scavenger service by incineration or use of designated landfill. For additional disposal instructions, contact your state water pollution control agency. This product IS an EPA Hazardous Waste. (Corrosive - D002).

•Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

For industrial use only. Keep containers closed when not in use.

OTHER PRECAUTIONS Avoid contact with skin, eyes and clothing. Clean up spills immediately.

Shipping Name: DOT Alkaline Corrosive, Liquid, n.o.s. Corrosive UN 1719

IATA

Prepared by S. Morss

Date

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